

CLAIMS

1. Method for venting oxygen-containing waste gases via a discharge outlet (24) of a stack (2) of an air distillation or liquefaction unit, which comprises:
 - a. mixing wet or dry nitrogen with at least the oxygen to obtain an oxygen/nitrogen mixture; and
 - b. discharging the oxygen/nitrogen mixture with a velocity at least equal to approximately 7 m/s at the discharge outlet (24).
2. The method according to Claim 1, wherein the oxygen/nitrogen mixture is discharged with a velocity at least equal to approximately 10 m/s at the discharge outlet (24).
3. Method according to Claim 1, wherein the oxygen/nitrogen mixture is discharged with a velocity at least equal to approximately 12 m/s at the discharge outlet (24).
4. Method according to Claim 1, wherein the oxygen/nitrogen mixture is discharged with a velocity at least equal to approximately 20 m/s at the discharge outlet (24).